IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A substantially purified nucleic acid molecule that encodes a plant protein comprising a nucleic acid sequence of SEQ ID NO: 4, wherein said substantially purified nucleic acid molecule is greater than 60% free from other molecules present in a natural mixture.

2. (Original) The substantially purified nucleic acid molecule of claim 1, wherein said plant protein is a rice protein.

Claims 3-9. (Cancelled)

10. (Currently Amended) A substantially purified nucleic acid molecule comprising a nucleic acid sequence of SEQ ID NO: 4 or complement thereof, wherein said substantially purified nucleic acid molecule is greater than 60% free from other molecules present in a natural mixture.

11. (Currently Amended) A substantially purified nucleic acid molecule consisting of a nucleic acid sequence of SEQ ID NO: 4 or complement thereof, wherein said substantially purified nucleic acid molecule is greater than 60% free from other molecules present in a natural mixture.

12. (Currently Amended) A substantially purified nucleic acid molecule comprising a nucleic acid sequence having between 100% and 90% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof, wherein said substantially purified nucleic acid molecule is greater than 60% free from other molecules present in a natural mixture.

13. (Previously Presented) The substantially purified nucleic acid molecule of claim 12, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 95% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

14. (Previously Presented) The substantially purified nucleic acid molecule of claim 13, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 98% sequence identity with a nucleic acid sequence of SEQ ID NO: 4 or complement thereof.

15. (Previously Presented) The substantially purified nucleic acid molecule of claim 14, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 99% sequence identity with a nucleic acid sequence of SEQ ID NO: 4. or complement thereof.